## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|
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| FEE DETERMINATION         | <u> </u> |        | 11,27101 |  |  |  |
| O.I.P.E. CLASSIFIER       | - /      | 49     | 11/30/21 |  |  |  |
| FORMALITY REVIEW          | TH       | 955    | 12-08-01 |  |  |  |
| RESPONSE FORMALITY REVIEW | 156      | 1077   | 8/19/02  |  |  |  |
|                           |          |        |          |  |  |  |

## **INDEX OF CLAIMS**

| ✓ Rejected                                     | N Non-elected  |
|--|----------------|
| = Allowed                                      | I Interference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal       |
| ÷ Restricted                                   | O Objected     |

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| H        |          | Η-        | ⊢            | ┝      | +-       | ┝       | +            | $\dashv$ | -        | _        |          | -  | -            | 56       | Н  |  |  | -  |          | -              | -  | -        | -        | Н        | 1        |       | 106      |
| ┝        | 6<br>7   | ⊬         | ├            | ·      | -        | ŗ.      | +            | -        | -        | _        | -        | H  | <b> -</b> -  | 57       | -  | -  | Н  | -  | -        | -              | -  |          | Н        | Н        | }        | _     | 107      |
| ż        | 8        | ⊬         | -            | ⊢      | ₩        | ⊢       | +            | $\dashv$ | -        |          | Н        | Н  | -            | 58       | Н  | -  | -  | $\dashv$   | $\dashv$ |                | $\dashv$   |          |          |          | -        |       | 108      |
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| 1        | 9        | ╙         | ⊢            | -      | ₩        | ╀       | +            | $\dashv$ | _        | _        | _        | $\vdash$   | ·            | -        | Н  | -  |  |  | -        | -              |  |          | $\vdash$ | -        | <b>!</b> |       | _        |
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| <u> </u> |          | ╙         | ⊢            | ⊢      | ┼-       | +-      | +            | _        | _        | H        | H        |  | -            | 62       | Н  | -  | Ь.   | Н  | $\dashv$ | $\dashv$       | -  | _        | $\vdash$ | -        |          | _     |          |
| <u> </u> | 12       | #         | ├-           | ↓_     | 1        | ╀       | +            | _        |          | L        |          | ـــٰــا  | -            | 63       | $\vdash$   | <b></b>  | H  | Н  | Н        | Щ              | Ш  | _        | -        | -        |          |       | 112      |
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| _        | 14       | 1         | L            | 4      | 1        | -       | 4            | _        | _        | _        | <u> </u> | L  | l ⊢          | 64       | Н  | <u> </u>   | <u> </u>   | Н  | Щ        |                | Н  |          | H        | H        |          |       | 114      |
|          | 15       | Ц.        | 1            | ╀      | ↓_       | +       | 4            | _        |          | L        | $\vdash$ | $\vdash$   | -            | 65       | $\vdash$   | <u> </u>   | $\vdash$   | Н  | Щ        | щ              |  | _        |          | -        |          |       | 115      |
| L.,      | 16       | Ц         | Ľ            | ↓      | ╀        | 1       | 4            | 4        |          | _        | <u> </u> | _  | -            | 66       | $\vdash$   | _  | H  | Н  |          |                |  | _        | _        | <u> </u> |          |       | 116      |
|          | 17       | Ц         | ┖            | ╙      | ↓_       | ┡       | 4            | _        |          | _        | L        |  | <u> </u> _   | 67       | Ш  | _  |  | L  |          |                | $\Box$   |          | _        | L.       |          |       | 117      |
| _        | 18       | Ц         | ┖            | L      | ┺        | L       | 4            | _        |          | _        | _        | ļ  | <u> </u> _   | 68       |  | _  | L.   | Ļ  | Ш        |                |  |          | _        | _        |          |       | 118      |
|          | 19       | Ц         | L            | L      | L        | L       | 1            |          |          | L_       | L.,      | <u></u>  | <u> </u>     | 69       |  | <u>_</u>   | _  |  |          |                |  |          | L        | _        | !!       |       | 119      |
|          | 20       | H         |              |        |          |         | ١            |          |          |          |          |  |              | 70       |  |  |  |  |          |                |  |          | L        | L        | ] [      |       | 120      |
|          | 21       | П         | T            | Т      | Т        | T       | 1            |          |          |          | _        |  | 1 [          | 71       |  |  | Γ  |  |          |                |  |          |          |          | ] [      |       | 12       |
|          | 22       | IT        | T            | T      |          | T       | 1            |          |          |          |          |  |              | 72       |  |  |  |  |          |                |  |          |          |          | 1 [      | _     | 122      |
|          | 23       | П         |              | Т      | Т        | T       | 1            |          | _        |          |          |  |              | 73       |  |  |  |  |          |                |  |          | Г        |          | 1 [      |       | 123      |
|          | 24       | Þ         | T            | T      | T        | Т       | 1            |          |          |          |          |  |              | 74       |  |  |  |  | ٠        |                |  |          | Г        | П        | ] [      |       | 124      |
|          | 25       | 11        | 1            | 1      | 1        | T       | 1            |          |          |          |          |  | 1 [          | 75       |  |  | Г  |  |          |                |  |          |          |          | 1        |       | 125      |
|          | 26       | IT        | T            | 十      | ✝        | t       | †            |          |          | $\vdash$ |          | $\vdash$   |              | 76       | T  | _  |  |  | П        |                |  |          |          |          | 1 1      |       | 126      |
| _        | 27       | 17        | $\vdash$     | $\top$ | +-       | †       | †            | _        |          | Г        | -        | <del>                                     </del> | 1            | 77       | T  |  |  |  |          |                |  |          | Г        | П        | 1 1      |       | 127      |
| _        | 28       | #         | 1            | T      | 1        | †       | +            | _        | _        | -        |          | t  | i 🗀          | 78       |  |  |  |  |          |                | Г  |          |          |          | 1 1      |       | 12       |
|          | 29       | ۳         | 1            | T      | 1        | T       | †            |          | _        | _        | $\vdash$ | T  |              | 79       | П  |  |  |  |          |                |  |          | Г        |          | 1 1      |       | 129      |
| _        | 30       | H         | 1            | †      | t        | †-      | +            | -        |          | -        | ۲.       | -  |              | 80       |  | Г  | T  | _  |          |                |  |          |          |          | 1 1      |       | 130      |
|          | 31       | H         | $\vdash$     | +      | 1        | +       | †            |          | _        | $\vdash$ | $\vdash$ | $\vdash$   |              | 81       | <del>                                     </del> | Г  | <del>                                     </del> | -  |          |                | П  |          | T        |          | 1 1      |       | 13       |
|          | 32       | ١         | t            | T      | t        | +       | +            |          | _        | H        | Н        | $\vdash$   | 1            | 82       |  | Т  | <u> </u>   | Τ  | Т        |                | Г  |          | Г        | Г        | 1        |       | 132      |
|          | 33       | 11-       | T            | +      | †        | +       | +            |          |          | -        | $\vdash$ | $\vdash$   | 1            | 83       | -  |  | Т  | Г  | Т        |                |  | Г        | T        | Г        | 1        |       | 13       |
| _        | 34       | ⇈         | H            | †      | †        | +       | +            |          | _        | -        | ┢        | <del>                                     </del> | -            | 84       | T  | <del>                                     </del> |  | $\vdash$   | $\vdash$ |                | Ι  | Т        | Т        |          | 1        | _     | 13       |
| -        | 35       | $\dagger$ | 1            | +      | †        | +       | +            | -        | -        |          | ┢        | $\vdash$   | 1            | 85       | Г  | Т  | Т  | Г  | Г        | Т              |  | Т        | Г        | Π        | 1        |       | 13       |
| -        | 36       | ╫         | t            | +      | t        | +       | +            | -        | -        | -        | Н        | $\vdash$   | 1            | 86       |  | $\vdash$   | t  | _  | $\vdash$ | Ι              |  | Г        | 1        |          | 1        |       | 130      |
| -        | 37       | ╫         | $\vdash$     | +      | t        | +       | +            | -        | Н        | $\vdash$ | +-       | <del>                                     </del> | 1            | 87       | T  | T  | 1  |  | Г        | $\vdash$       | $\vdash$   |          | Г        | Г        | 1        |       | 13       |
| _        | 38       | #         | +            | +      | +        | +       | +            | -        | _        | $\vdash$ | $\vdash$ | <del> </del>                                     | 1  -         | 88       | $\vdash$   | 1  | $\vdash$   | <del>                                     </del> | Ι-       | Ι-             |  | Г        | T        | Т        | 1        |       | 138      |
| -        | 39       | ╫         | +-           | ╁      | +        | +       | +            | -        | -        | $\vdash$ | ┢        | Η.   | ┪┝           | 89       | _  | $\vdash$   | $\vdash$   |  |          | 1              | <del>                                     </del> | Г        | T        | Н        | 1        | _     | 139      |
| -        | 40       | H         | +            | +-     | ╁        | ╁       | +            |          | _        | -        | ╁╌       | $\vdash$   |              | 90       | -  | ┢  | -  | Н  |          | ┢              | _  | $\vdash$ | 1        |          | 1        |       | 140      |
| -        | 40       |           | +            | ╁      | ╀        | +       | +            | -        | -        | -        | ├        | $\vdash$   | <b>∤</b>     | 91       | ╁  | ⊢  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$       | -  | $\vdash$ | H        | $\vdash$ | 1        |       | 14       |
| <u> </u> | _        | E         |              | ╀      | +        | ╀       | 4            |          | _        | ├-       | -        | $\vdash$   | { ⊢          | 92       | ╀  | -  | $\vdash$   | -  | -        |                | ├  | ⊢        | ├        | -        | 1 1      |       | 142      |
| _        | 42       | ⊢         | ⊢            | ╄      | ╀        | +       | 4            |          | <u> </u> | ⊢        | $\vdash$ | $\vdash$   | <b>∤</b>     | -        | -  | -  | ⊢  | -  | -        | -              | ├-   | $\vdash$ | ⊢        | ├        | 1 1      |       | 143      |
| _        | 43       | L         | 1            |        | ↓_       | ╀       | 4            |          |          | _        | $\vdash$ | ↓_   | -            | 93       | +-   | ⊢  | $\vdash$   | ├-   | $\vdash$ | $\vdash$       | $\vdash$   | -        | ├-       | ⊢        | ┨        | _     | 14       |
| <u> </u> | 44       | L         | L            | ┖      | 1        | 1       | 4            |          |          | _        | L        | ┡  | _            | 94       | -  | ļ  | <u> </u>   | <u> — </u>                                       | <u> </u> | ⊢              | ├  |          | $\vdash$ | ├        | { }      |       | 14       |
| _        | 45       | L         | ļ.,          | ┺      | 1        | 1       | 4            | _        | _        | L        | $\vdash$ | <b>L</b>   | -            | 95       | _  | L  | -  | ⊢-   | ├-       | ├-             | $\vdash$   | -        | ├-       | ⊢        | ┨        |       | 144      |
| _        | 495      | L         | Ļ            | 1      | 4        | $\perp$ | 4            |          | L        | <u> </u> | $\vdash$ | _  | <b>↓</b>     | 96       | 1-   | $\vdash$   | <u> </u>   | -  | <u> </u> | <b> </b>       | $\vdash$   | <u> </u> | -        | -        |          |       | _        |
| _        | 47       | L         | L            | 1_     | ļ        | 1       | $\downarrow$ |          |          |          | _        | _  |              | 97       | 1  | <u> </u>   | _  | _  | <u> </u> | <u> </u>       | <u> </u>   | <u> </u> | $\vdash$ | $\vdash$ |          |       | 14       |
|          | 48       | Ĺ         | L            | L      | Ĺ        | Ĺ       | Ţ            |          | Ĺ        | 匚        | Ĺ        | $\perp$  | ļ            | 98       |  | L  | $\vdash$   |  | <u> </u> | _              | <u> </u>   | L        | L        | 1        |          |       | 14       |
|          | 49       | Ĺ         | Ĺ            | L      | Ľ        | Ĺ       | I            |          |          |          | Ĺ        |  | l L          | 99       |  | L  | <u>L</u>   | <u>_</u>   | <u> </u> | _              | <u> </u>   | <u> </u> | ļ        | <u></u>  |          |       | 14       |
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|          | 104      | П   | ヿ        | _        |          |          |          |          |          |          | t |
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| _        | 107      | П   |          |          |          |          |          |          |          |          | ı |
| _        | 108      |     |          |          |          |          |          |          |          |          | ľ |
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|          | 115      |     |          |          | -        |          | _        |          | 1        | Г        | t |
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| _        | 124      |     | H        | ├        |          |          | -        |          |          |          | ł |
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|          | 141      | 4   | <u> </u> | L        | <u>_</u> | <u> </u> | L.       | $\perp$  | L.       | _        | ١ |
|          | 142      |     | <u>_</u> | <u></u>  | <u> </u> | ــــ     | L        | <u>L</u> | _        | L        | ļ |
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